

Daly, Sue

To: Rich, Bruce
Cc: Hagener, Jeff; Volesky, Mike; Butler, Christina; Murphy, Gerry
Subject: FWP Followup Items -- Fisheries

Bruce --

Attached are the follow-up documents (see below) requested during your division overview. Christina asked that we be prepared to report back to the committee on Tuesday morning prior to their taking executive action.

Christina, we'll have 10 copies of each 3-hole punched with us -- unless you want to provide them copies before Tuesday. Thanks for all your help.

Senator Brendan -- -- List of any areas where we're "poisoning" fish and how much have we spent. *Attached.*

Senator Rosendale -- Locations where AIS was detected and from what state did the boats come from? *Here is the information on the animal detections that were caught in 2012:*

- Dreissenid mussels on motorboat from Michigan (Hardin station)
- Dreissenid mussels on motorboat from Florida (Bitterroot roving crew)
- Dreissenid mussels on motorboat from Ohio (Hardin station)
- Dreissenid mussels on a jet boat travelling from Nevada (Dillon station)
- New Zealand Mudsnails on a motorboat discovered at Dena Mora

Senator Brendan/Chairman Cuff -- Where have we done timber sales; provide a comprehensive report on the status of our forest management inventory. *Attached.*

Senator Keane -- Can federal DJ money be used for the Pipestone Creek/Jefferson Slough project? *DJ could potentially be used for this project if it can be documented that there is a substantial benefit to an active sport fishery and that the sport fishery restoration is the primary purpose of the proposed work. However, the budget request before you maximizes the federal funds currently available to Montana.*

Several Committee Members --

Q. a) Would the FTE be used to fund full time permanent positions or seasonal positions and what kind of work would they be doing?

All of the FTE (Full Time Equivalents) will be used to support seasonal positions in the regions doing on the ground maintenance and grounds-keeping at Fishing Access Sites (FAS). Every one of our seven regions would receive some portion of the FTE, likely ranging from about 0.1-0.6 FTE, and averaging about 0.45 per region. We anticipate that at least 15 pairs of "boots on the ground" will be supported by this FTE to ensure that all of our fishing access sites are properly maintained.

Q. b) Could groundskeeper/maintenance folks do water craft inspections/AIS work too while they are working at FAS's?

Based on this question by the committee, we will make sure that all FAS personnel are trained in AIS matters to a level appropriate for their position. Grounds-keeping crews will maintain personal awareness of and be on the look-out for AIS related issues while working at FAS sites and be given protocols for appropriate response to AIS related situations.

Sue Daly, Administrator
Finance Division
Fish, Wildlife and Parks
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FWP CHEMICAL TREATMENT PROJECTS, FY 2012-2015

Cost of conducting rotenone treatments, July 1, 2011-June 30, 2015. Includes cost of chemicals, equipment, travel, personnel for FWP employees only. All projects use license or contract dollars to conduct treatments. No Federal dollars are used.

Water (County)	Year	Cost (\$\$)	Target species ¹	Management goal
Cherry Creek (Beaverhead)	2011	6,300	EBT, WCT x RBT	WCT restoration
Lake Creek/Crater Lake (Meagher)	2011	4,000	YCT x RBT x WCT	WCT restoration
Smith Creek (Choteau)	2011	4,500	EBT, RBT	WCT restoration
McVey (Beaverhead)	2011	2,500	EBT	WCT restoration
Necklace Chain of Lakes (Flathead)	2011	20,000	WCT x RBT	WCT restoration
Dyce (Beaverhead)	2011	4,300	RBT, CT, EBT	WCT restoration
Smith Creek (Choteau)	2012	5,000	EBT, RBT	WCT restoration
North Fork Highwood Creek (Choteau)	2012	7,000	WCT x RBT, RBT, LL, EBT	WCT restoration
Lick Lake/Creek (Missoula)	2012	18,000	WCT x RBT	WCT restoration
Dyce Creek (Beaverhead)	2012	4,400	RBT, CT, EBT	WCT restoration
Fourmile Creek (Park)	2012	2,000	RBT	YCT restoration
Mealtrack Creek (Park)	2012	2,000	RBT	YCT restoration
Sixmile Creek (Deer Lodge)	2012	2,500	EBT	WCT restoration
North Fork Doolittle Cr (Beaverhead)	2012	1,100	EBT	WCT restoration
McVey Creek (Beaverhead)	2012	2,500	EBT	WCT restoration
Ruby Creek (Madison)	2012	1,500	RBT	WCT restoration
FY2012-2013 EXENDITURES		\$87,600		
Lena Lake (Powell)	2013	65,000	WCT x RBT	WCT restoration
Hyde Creek (Glacier)	2013	6,000	EBT	WCT restoration
North Fork Highwood (Choteau)	2013	7,000	WCT x RBT, RBT, LL, EBT	WCT restoration
Crawford Creek (Cascade)	2013	6,000	WCT x RBT, RBT	WCT restoration
Camas Lake (Broadwater)	2013	5,000	YCT	WCT restoration
West Fork Mudd Creek (Deer Lodge)	2013	900	EBT	WCT restoration
York Gulch (Deer Lodge)	2013	900	EBT	WCT restoration
Ruby Creek (Madison)	2013	1,500	RBT	WCT restoration
Greenhorn Creek (Madison)	2013	7,000	EBT, WCT x RBT	WCT restoration
Peet Creek (Beaverhead)	2013	1,400	EBT, WCT x RBT	WCT restoration
Brays Creek (Beaverhead)	2013	2,800	EBT	WCT restoration
Pintlar Creek (Beaverhead)	2014	3,700	WCT x RBT	WCT restoration
Handkerchief Lake (Flathead)	2014	30,000	WCT x RBT	WCT restoration
Hyde Creek (Glacier)	2014	6,000	EBT	WCT restoration
Dry Fork Belt Creek (Cascade)	2014	20,000	EBT, RBT, WCT x RBT	WCT restoration
Greenhorn Creek (Madison)	2014	7,000	EBT, WCT x RBT	WCT restoration
Peet Creek (Beaverhead)	2014	1,400	EBT, WCT x RBT	WCT restoration
Brays Creek (Beaverhead)	2014	2,800	EBT	WCT restoration
Soda Butte Creek (Park)	2014	6,000	EBT, YCT x RBT	YCT restoration
ESTIMATED FY14-15 COST		\$180,400		
Total FY 12-15 COSTS		\$268,000		

¹ Non-native target species are eastern brook trout (EBT), rainbow trout (RBT), and brown trout (LL). Native target species are westslope cutthroat trout (WCT) and Yellowstone cutthroat trout (YCT). Hybrids between two species indicated with an "x."



Montana Fish, Wildlife & Parks

MEMORANDUM

TO: Bruce Rich
FROM: Allan Kuser
DATE: Feb 11, 2013
RE: Fisheries Forest Inventory & Sustained Yield Study

Overview

Through the State of Montana competitive bidding process the FWP entered into a contract with Mason, Bruce & Girard, Inc. of Portland, Oregon, and co-contractor BDL Forestry of Missoula, MT, for the purpose of conducting a forest inventory and sustained yield study of all Department lands with 50 or more contiguous acres of timber.

For Fisheries only the following sites were identified as having 50 or more acres of contiguous timber:

- Region 1 – Old Steel Bridge, Kokanee Bend, Swan River, (Thompson Chain of Lakes is currently being managed by the State Parks Division and has been identified on their list of sites);
- Region 2 – River Junction, Monture Creek, Harpers Lake, Erskine, Stuart Mill Bay;
- Region 4 – Fort Logan

Current Status

- The contractor is currently establishing forest stand delineation parameters (identifying timber types with similar characteristics) that will be used for aerial photo interpretation of the forested areas.

Next Steps

- FWP staff will establish site specific management plans for each of the fishery projects.
- Upon completion of the stand delineation, contract foresters will physically conduct the forest inventory sampling through the establishment of cruise plots on each and every site. This information will be used in conjunction with each sites management plan to determine a sustainable timber harvest/yield.
- The final inventory and sustained yield report is due to be completed by Dec. 31, 2013.

Recent Fishery Division Forest Health Related Projects (2/11/13)

1. River Junction Pine Beetle Tree Removal Project (Complete)

- This 130 acre site is located on the Blackfoot River south of Ovando, MT.
- Logging was bid and completed by a private contractor. DNRC provided contract oversight.
- This was a small project with the bid totaling only \$6,200.
- Merchantable timber and pulp trees were kept by contractor to offset bid costs.
- Revenue from logs and pulp were estimated at \$2,350 by a DNRC forester.
- FWP paid the balance of the project costs (\$3,850) from its FAS operation/maintenance budget.

2. Thompson Chain of Lakes (TCL) Forest Health / Fire Mitigation Projects (Complete)

- TCL is a 2,990 acre FAS located between Kalispell and Libby Montana
- A total of 3 projects have been completed since 2007 totaling 600 acres (Phase 1 = 10 acres; Phase 2 = 203 acres; Phase 3 = 387 acres)
- All logging was completed by private contractors.
- All 3 projects were funded through grants administered by the Department of Natural Resources and Conservation. The first project was a RC&D (Resource Conservation & Development) Fuels Reduction Grant. The second two projects were funded with federal grants administered through DNRC known as Jumpstart Grants and were part of the larger federal government stimulus package.
- These grants were designed to reduce forest fuels as well as to stimulate private sector jobs. Private contractors were responsible for submitting the grant applications to DNRC. Projects sites were publicly solicited for and then selected by DNRC in accordance with grant criteria.
- Grant funding for the projects was not designed for the receiving agencies to generate revenue although it was permissible.
- Only the third and final project completed in 2011 generated revenue. A total of \$11,700 was deposited into the earmarked forest management account to be used for other forestry related projects as stipulated by 87-1-621 MCA.

3. Stuart Mill Bay Beetle Kill Removal Project

- Stuart Mill Bay is a 362 acre site located on Georgetown Lake near Anaconda, MT. A total of 80 acres is currently being logged by a private contractor who started the project in late January 2013.
- DNRC foresters provided assistance in estimating the total amount of merchantable timber within the sale boundary and are assisting FWP in managing the timber sale contract.
- The project was bid on a per mbf (thousand board feet) basis.
- At this point the projected revenue to FWP (over and above the contractors bid) has been estimated by DNRC at \$51,200 (bid price per mbf x total mbf estimate). However due to beetle damage this amount could vary considerably based on the soundness of the timber.
- The contractor has submitted a check for \$51,200, as an advance for the projected revenue, which is being held by FWP in the Forest management account. If less timber is available than DNRC's estimate then a refund will be given to the contractor on an mbf basis. Likewise, if more timber is available than previously estimated, then the contractor will pay the additional amount to FWP on an mbf basis, in accordance with his bid.
- It is anticipated that a portion of the projected revenue generated by this timber sale will be spent on weed control, native grass seed, and slash pile burning, and paid to DNRC for timber sale administration.